

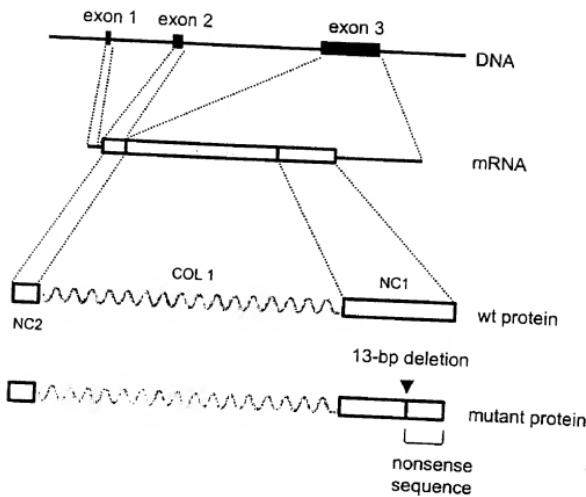
Figure 1

Figure 2

677 GTC ATG CCT GAT GGC TTC ATA AAAG GCA GGC CAG AGG CCC AGG CTT TCT TGT GGG ATG CCG CTT
val met pro asp gly phe ile lys ala gly gln arg pro arg leu ser gly met pro leu mouse wt

549 GTC ATG GCT AAC AAC GGG GTC ACG AGG ATC CCC GTG TCT GCT TTT ACT GTC ATT CTC TCT
val ser ala asn his gly val thr gly met pro val ser ala phe thr val ile leu ser mouse wt

560 AAA GCT TAC CCA GCA GTC GGT GCC CCC ATC CCA TTT GAT GAG ATT CTG TAC AAT AGG CAG
lys ala tyr pro ala val gly ala pro ile pro phe asp glu ile leu tyr asn arg gln mouse wt

580 CAG CAT TAC GAC CCA AGA AGT TCT GGT ATC TTT ACC TGT AAG ATC CCA GGC ATA TAC TAT TTC
gin his tyr asp pro arg ser gly ile phe thr cys lys ile pro gly ile tyr tyr wt

600 TCC TAC CAC GTG CAT GTG AAA GGG ACT CAC GTT TGG GTC GGC CTG TAT AAG AAC GGC ACG
ser tyr his val his val lys gly chr his val trp val gly leu tyr lys asn gly thr mouse wt

ACA
thr
thr

620 CCT ATG ATG TAC ACG TAT GAT GAG TAC AGC AAA GGC TAC CTG GAT CAG GCT TCA CGG AGT
pro thr met tyr thr tyr asp gly ser lys gly tyr leu asp gln ala ser gly ser mouse wt

CCT ATG ATG AGT ACA GCA AAG GCT ACC TGG ATC AGG CTT CAG GGA GTG CAA TCA TGG AGC
arg met met ser thr ala lys ala thr trp ile arg leu gin gly val gln ser trp ser
pro met met asn thr pro lys ala thr trp ile arg leu gin gly val pro ser ser ile mouse wt

ACA
thr
thr

640 GCA ATC ATG GAG CTC ACA GAA AAT GAC CAG GTC TGG CTC CAA TTG CCC AAT GCA GAA TCA
ala ile met glu leu thr glu asn asp gln val trp leu gin leu pro asp ala glu ser mouse wt

TCA CGG AAA ATG ACC AGG TAT GGC TCC AAT TGC CCA ATG CAG AAT CAA AGC GGC TCT ACT
ser gln lys met thr arg tyr gly ser asn cys pro met gln asn gln thr ala ser thr
ser gln lys met thr arg cys gly ser ser phe pro met pro ser gln met ala tyr thr mouse wt

660 AAC GGC CTC TAC TCC TCT GAG TAC GTC CAC TCG TCC TTC TCA GGA TTC CTA GTG GCT CCC
asn gly leu tyr ser ser glu tyr val his ser ser phe ser gly phe leu val ala pro mouse wt

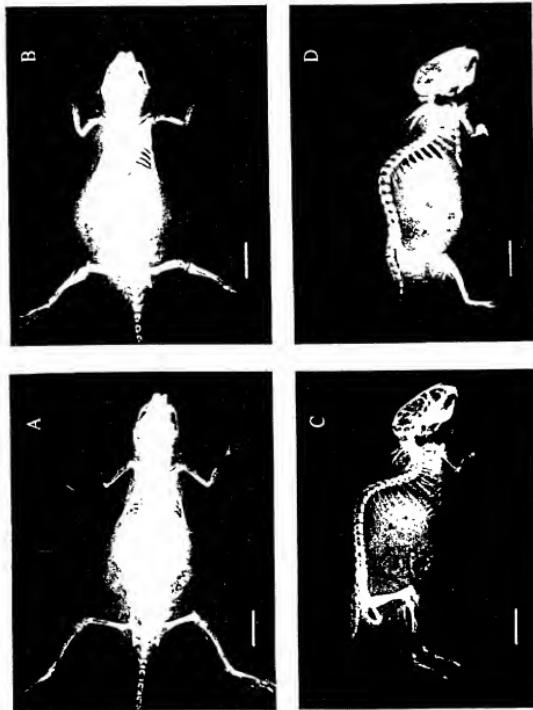
671	
CCT CTG AGT ACG TCC ACT CCT CCT TCT CAG GAT TCC TAG	
pro leu ser thr met thr arg pro ser gln asp ser STOP	mouse 13del
pro leu ser met ser thr pro leu ser gln asp ser STOP	human 13del

680 ATG TGA
met STOP mouse wt

Figure 3



Figure 4



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Figure 5

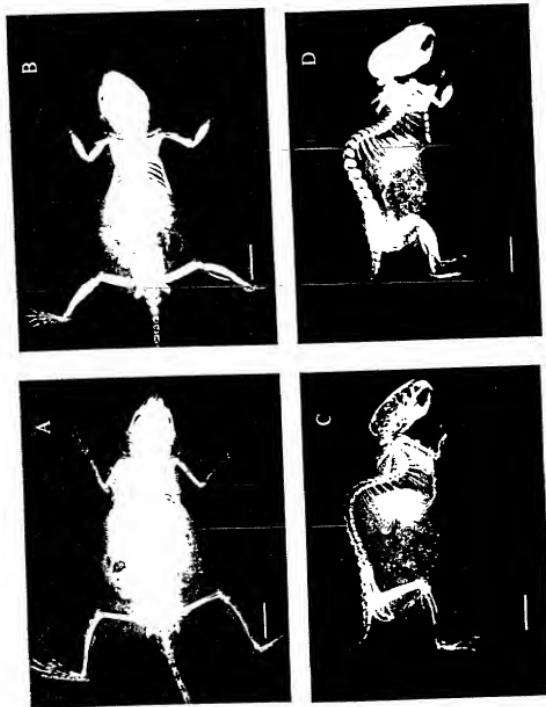


Figure 6

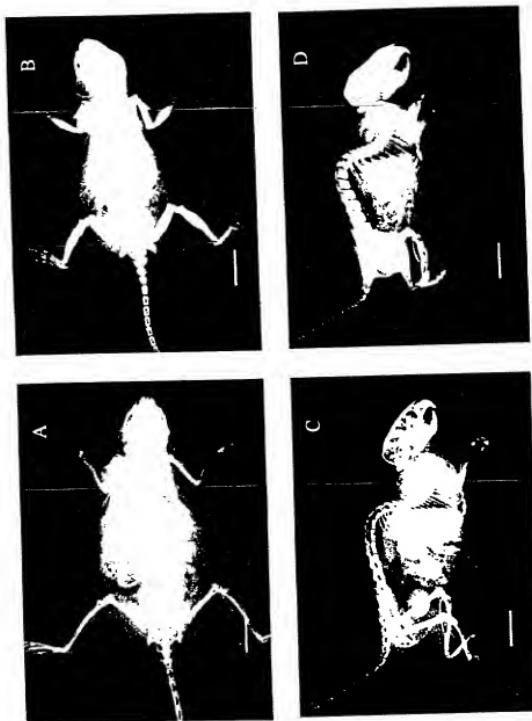


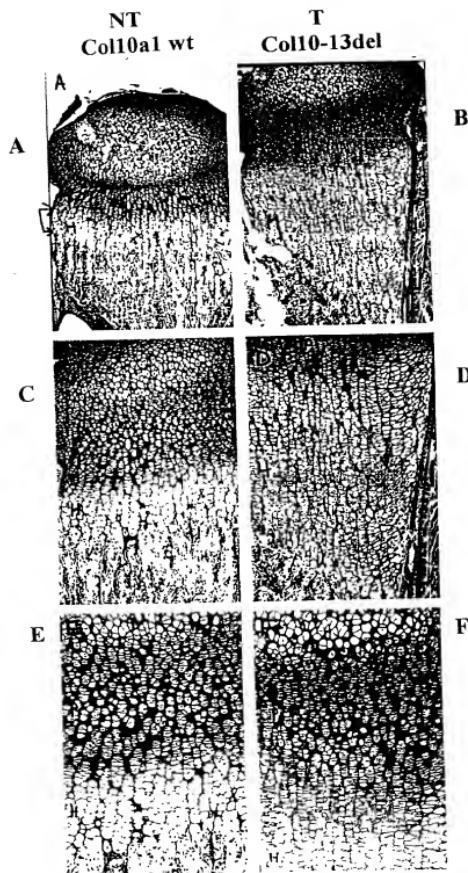
Figure 7

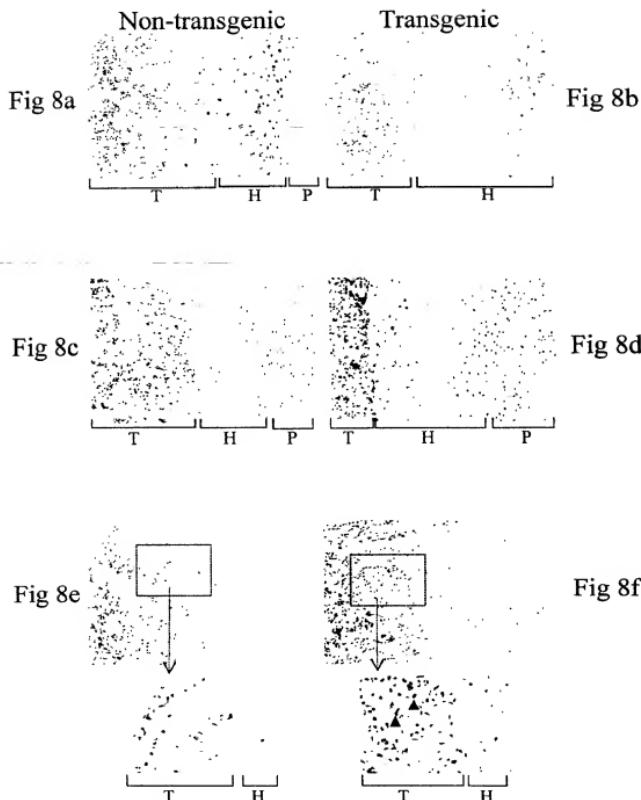
Figure 8

Figure 9

Fig 9a
(100X)

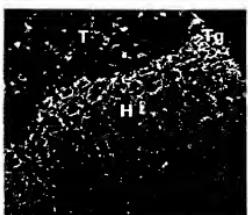


Fig 9b
(100X)

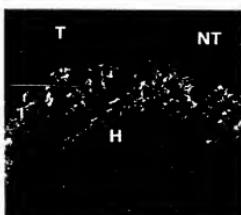


Fig 9c
(100x)

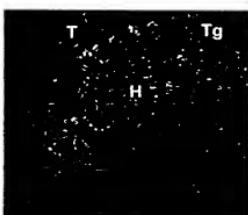


Fig 9d
(1000X)

